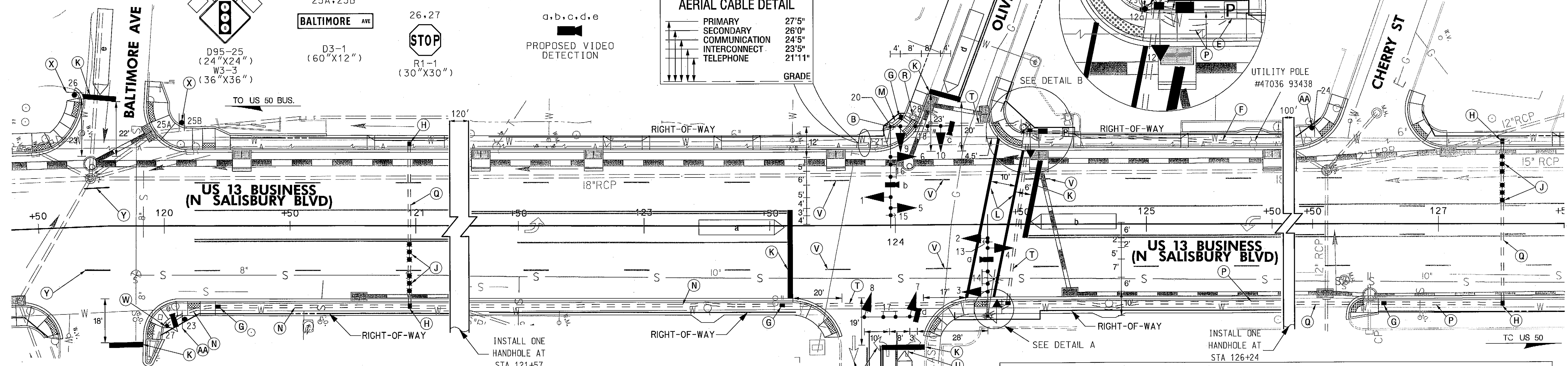


US 13 BUS IS ASSUMED TO RUN  
IN A NORTH / SOUTH DIRECTION

EXISTING SIGNAL AT BALTIMORE  
AVENUE TO BE REMOVED. SEE  
SIGNAL PLAN SHEET PSG OF  
P002 FOR DETAILS.



#### CONSTRUCTION DETAILS

- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE WITH 50 FT. TWIN MAST ARMS (CUT ARM TO 40 FT., WITH SHORTER ARM ACROSS US 13 BUSINESS) WITH SIGNAL HEADS, SIGNS, 15 FT. LIGHTING ARM WITH 250 WATT HPS LUMINAIRE WITH PHOTOCCELL, OVERHEAD VIDEO DETECTION, OPTICOM DETECTOR EYE, 16 IN. LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS SALISBURY BLVD") AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE. (NOTE: ONE-4 IN. PVC SCHEDULE 80 90-DEGREE CONDUIT BEND). STA 124+37, 36' RT.
- INSTALL CONCRETE FOUNDATION WITH A 27 FT. STEEL POLE (CUT DOWN TO 21 FT.) WITH 50 FT. TWIN MAST ARMS (CUT ARM TO 40 FT. AND 30 FT. WITH LONGER ARM ACROSS US 13 BUSINESS), SIGNAL HEADS, SIGNS, OVERHEAD VIDEO DETECTION, OPTICOM AND 3 IN. WEATHERHEAD AT POLE TOP (FOR INTERCONNECT CABLES). (NOTE: ONE-4 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA 123+98, 39' LT.
- INSTALL NEMA SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH MODIFIED BASE (NO MAINTENANCE PAD REQUIRED). (NOTE: TWO-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS). STA 124+59, 37' LT.
- INSTALL CONCRETE FOUNDATION WITH A 10 FT. STEEL PEDESTAL POLE WITH MODIFIED COUPLING BASE, 16 IN. LED COUNTDOWN PEDESTRIAN HEAD AND AUDIBLE TACTILE PEDESTRIAN PUSH BUTTON STATION WITH INTERNATIONAL TYPE II BRAILLE ON FACE PLATE, R10-3(1) SIGN (TO READ "PUSH BUTTON TO CROSS SALISBURY BLVD"). (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA 124+51, 37' LT.
- INSTALL 100 AMP METERED SERVICE PEDESTAL WITH ONE-4 IN. AND TWO-2 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BENDS.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED, STUB-UP CONDUIT BEND AT BASE OF UTILITY POLE (POLE 47036 93438). SERVICE CONNECTION SHALL BE MADE BY POWER COMPANY.
- INSTALL HANDHOLE.
- INSTALL HANDHOLE WITH LONGER DIMENSIONS PERPENDICULAR TO THE TRAVELLED WAY FOR THE INSTALLATION OF NON-INVASIVE PROBES.
- INSTALL SET OF THREE NON-INVASIVE PROBES WITH 500 FT. LEAD-IN CABLE (TO BE PLACED IN THROUGH LANE ONLY PER SHA STANDARD 815-03).
- INSTALL 24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOP LINE.
- INSTALL 12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR CROSSWALK.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 2 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.

- REMOVE EXISTING GROUND MOUNTED SIGN AND SUPPORT.
- INSTALL 5 IN. DOUBLE YELLOW LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING.
- INSTALL 4 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - SLOTTED.
- REMOVE EXISTING PAVEMENT MARKING SYMBOLS.
- REMOVE EXISTING PAVEMENT MARKINGS.
- INSTALL 30 FT. LIGHTING POLE WITH BREAKAWAY BASE SUPPORT SYSTEM (WITHOUT BRACKET ARM), WITH RI-SIGN AND OVERHEAD VIDEO DETECTION CAMERA, PROVIDE WATERPROOF ACRYLIC ADHESIVE DUCT SEALANT AT WIRE ENTRANCE HOLE. (NOTE: ONE-3 IN. PVC SCHEDULE 80, 90-DEGREE CONDUIT BEND). STA 120+01, 40' RT.
- INSTALL GROUND MOUNTED SIGN ON ONE (1)-4"x4" WOOD SUPPORT.
- INSTALL 5 IN. WHITE LEAD FREE REFLECTIVE THERMOPLASTIC PAVEMENT MARKINGS - 10' LINE, 30' GAP.
- REMOVE EXISTING STREET NAME SIGN AND RELOCATE EXISTING "BUS STOP" SIGN & SUPPORT. FINAL LOCATION OF BUS STOP SIGN TO BE DETERMINED BY PROJECT ENGINEER.
- INSTALL GROUND MOUNTED SIGN ON ONE (1)-6"x6" WOOD SUPPORT.

#### GEOMETRIC LEGEND

EXISTING  
PROPOSED

#### UTILITY LEGEND

SD - STORM DRAIN  
G - GAS MAIN  
W - WATER MAIN  
S - SEWER MAIN  
E - ELECTRIC CABLES  
A - AERIAL CABLES  
T - TELEPHONE CABLES  
F - FIBER-OPTIC

#### PROPOSED SIGNS

16  
Olive ST  
D-3(1)  
(VAR. x16")

19  
NORTH  
13  
M1-5(6)  
(48"x72")

20  
SOUTH  
13  
M1-5(6)  
(30"x48")

#### EXISTING SIGNS (TO BE REMOVED/RELOCATED)

28  
STOP

29  
OLIVE ST  
BUS STOP

11a  
PUSH BUTTON TO CROSS  
SALISBURY BLVD  
R10-3(1)  
9" x 15"

12a  
PUSH BUTTON TO CROSS  
SALISBURY BLVD  
R10-3(1)  
9" x 15"

#### PROPOSED SIGNALS

1,4  
12"/8"

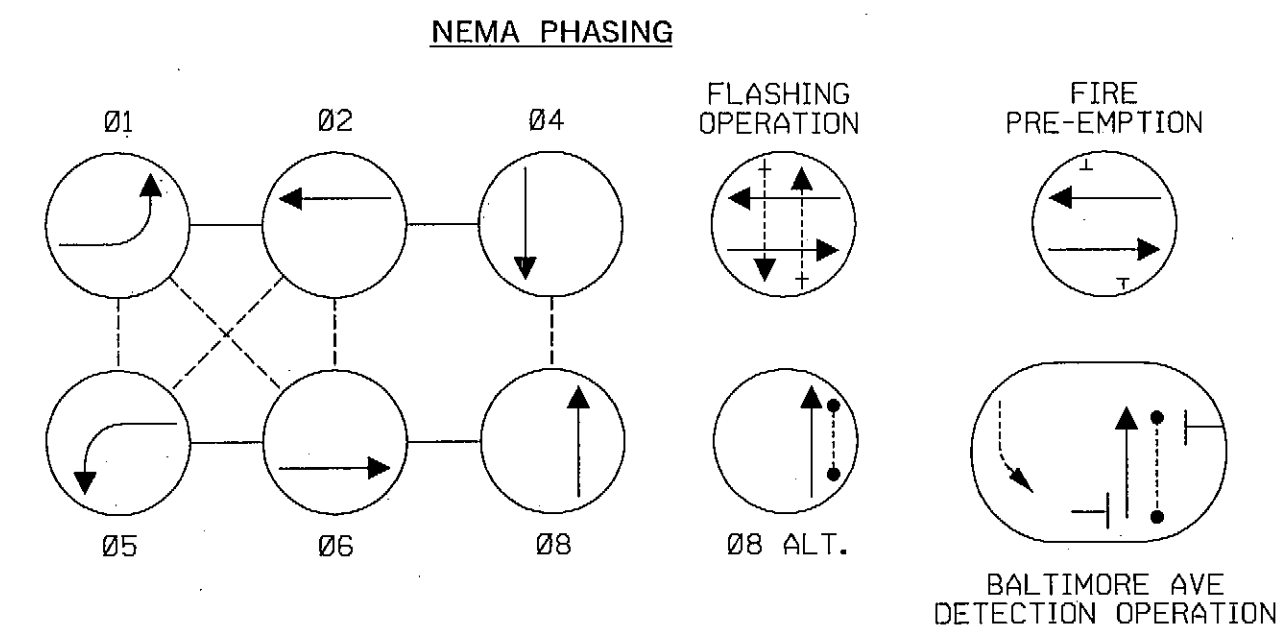
2,5  
12"

3,6,7  
8,9,10  
12"

11,12  
16" LED COUNTDOWN  
PEDESTRIAN  
SIGNAL

13,15

#### OPTICOM DETECTOR EYE

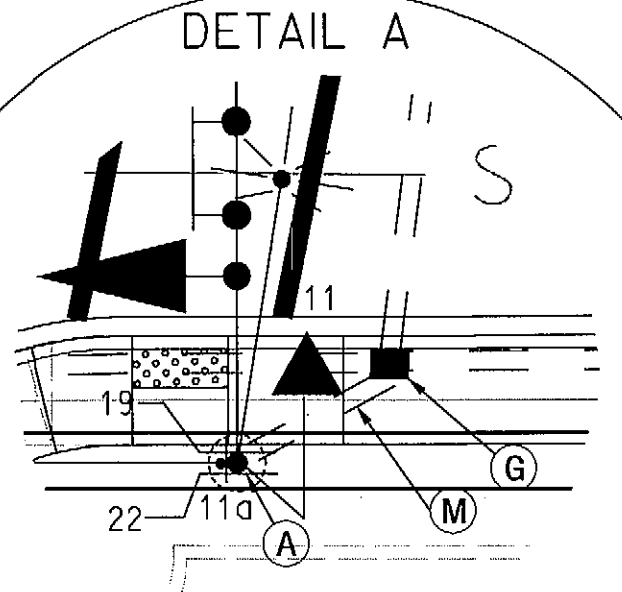


NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

AERIAL CABLE DETAIL  
PRIMARY 27'5"  
SECONDARY 26'0"  
COMMUNICATION 24'5"  
INTERCONNECT 23'5"  
TELEPHONE 21'11"  
GRADE

a,b,c,d,e  
PROPOSED VIDEO  
DETECTION

CONSTRUCTION NOTE:  
I. CONSTRUCTION OF TRAFFIC CONDUIT UNDER THE SIDEWALK SHALL BE PERFORMED IN COORDINATION WITH PROPOSED DRAINAGE IMPROVEMENTS (SEE ROADWAY, HIGHWAY DESIGN AND DRAINAGE PLANS FOR DETAILS).  
II. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKINGS WITHIN THE INTERSECTION AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



CAUTION: U/G WATERLINE. CONTRACTOR  
SHALL PERFORM TESTPIT EXCAVATION  
TO DETERMINE LOCATION OF EXISTING  
UTILITY AND AVOID POTENTIAL  
CONFLICT WITH SIGNAL  
FOUNDATION.

20' 0 20' 40'  
SCALE: 1" = 20'

SABRA, WANG & ASSOCIATES, INC.  
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WWW.SABRA-WANG.COM

APPROVALS	REVISIONS
<div>9/20/2010 9-21-10 9-21-10 9-21-10 9-21-10</div>	

<b>SHA</b> STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION US 13 BUSINESS (N SALISBURY BLVD) AT OLIVE STREET SALISBURY, MARYLAND	
<b>TRAFFIC SIGNALIZATION PLAN</b>	
SCALE: 1" = 20' DATE: SEPTEMBER 2010 CONTRACT NO.: WJ3285274	
DESIGNED BY: VN	COUNTY: WICOMICO
DRAWN BY: VN	LOGMILE: 28001306.02
CHECKED BY: SD	T.I.M.S. NO.: G895
F.A.P. NO.: SEE TITLE SHEET	TOD NO.:
TS NO.: 4748	DRAWING NO.: PSG OF P001
SHEET NO. OF	

PLOTTED: Wednesday, September 15, 2010 AT 09:28 PM  
FILE: R:\2008\13 SHA BCS 2008-05A\_TEDD DESIGN\_STV JV\_SSM\Task 43 US 13B Balto to Olive\Draw\Sigal\pSG-P001\_US13B.dwg